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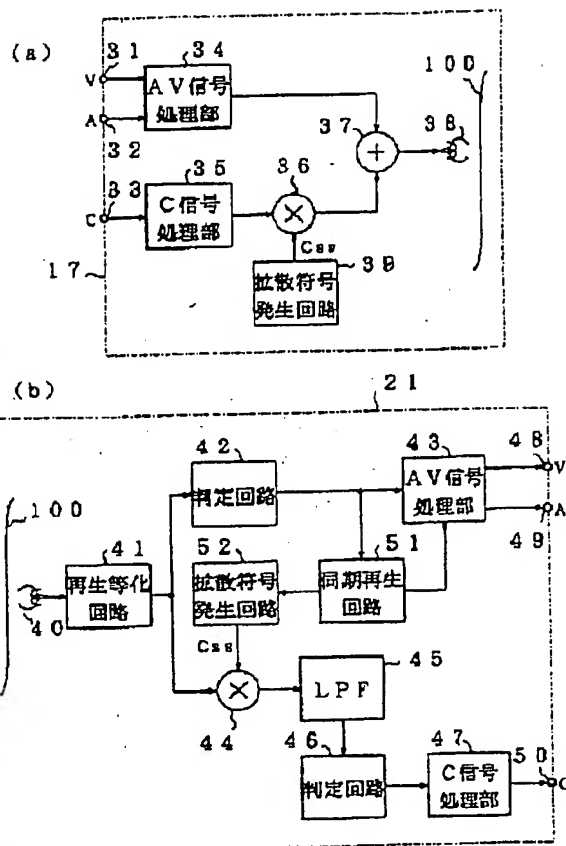
APPLICATION NUMBER : 06145349

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TITLE : DIGITAL SIGNAL RECORDING AND REPRODUCING DEVICE



ABSTRACT : PURPOSE: To perform a recording without consuming recording medium more than needed with an adequate error rate for a digital VTR at the time of recording a digital recording signal and to perform the recording with a satisfactory error rate at the time of recording data for controlling of a computer.

CONSTITUTION: A digital video signal and a digital voice signal are processed as a recording signal in an AV signal processing part 34. Data for the control is processed as recording signal in a C signal processing part 35. The output of the C signal processing part 35 and the spreading code  $C_{ss}$  outputted from a spread code generating circuit 39 are multiplied by a multiplier 36 and then a spectrum is spread. Then, the signal is multiplexed with a recording AV signal by an adder 37 to be recorded on a magnetic tape 100 by a magnetic head 38. At the time of reproducing, time control data are reproduced by multiplying a regenerated reproducing signal by the same spread code  $C_{ss}$  as that by which the recording signal was multiplied before the recording.

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